```java
import java.util.Scanner;

public class SchU4TestRevWScode {
    public static void main(String[] args) {
        findFactors(40);
    }

    public static String doubleChar(String word) {
        String message = "";
        for (int i = 0; i < word.length(); i++) {
            message += word.charAt(i);
            message += word.charAt(i);
        }
        return message;
    }

    public static String repeatFront(String word, int number) {
        String message = "";
        while (number > 0) {
            message += word.substring(0, number);
            number--;
        }
        return message;
    }

    public static void printEachLetter(String word){
        for (int i = 0; i < word.length(); i++) {
            System.out.println(word.charAt(i));
        }
    }
    public static String reverseRemove(String word){
        String message = "";
        for (int i = word.length() - 1; i >= 0; i = i - 2) {
            message += word.charAt(i);
        }
        return message;
    }

    public static String removeChar(String word, char
```

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39  character) {
40          return word.replace(Character.toString(
    character), "");
41      }
42
43      public static String wordPyramid(String word) {
44          String message = "";
45          for (int i = 2; i < word.length() + 2; i += 2
    ) {
46              message += word.substring(0, i) + "\n";
47          }
48          return message;
49      }
50
51      public static String buildPhrase() {
52          String message = "";
53          Scanner input = new Scanner(System.in);
54          String word = "";
55
56          System.out.println("Enter the first word of
    your phrase (-1 to quit)");
57          word = input.nextLine();
58          while (!word.equals("-1")) {
59              message += word + " ";
60              System.out.println("Enter the first word
    of your phrase (-1 to quit)");
61              word = input.nextLine();
62          }
63
64          return message;
65      }
66
67      public static String stringPyramid() {
68          String message = "";
69          for (int i = 1; i < 6; i++) {
70              for (int j = i; j < i * i + 1; j += i) {
71                  message += j;
72                  message += "\t";
73              }
74              message += "\n";
75          }
```

```
76          return message;
77      }
78
79      public static void findFactors(int num) {
80          for (int i = 1; i < num + 1; i++) {
81              if (num % i == 0) {
82                  System.out.println(i);
83              }
84          }
85      }
86  }
```